



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

TAKAMORI et al.

Serial No. 09/764,214

Filed: January 18, 2001

For: MAGNETIC RESONANCE IMAGING APPARATUS

Atty. Ref.: 160-352

Group: 3737

Examiner:

\* \* \* \* \*

[LSPI] November 4, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Attention is directed to the attached document(s) and to related copending applications 09/764,221 and 09/764,215 and each reference cited therein. A PTO-1449 is also attached.

Official consideration and citation of each such reference is requested.

Newly cited reference JP 62-79889 (and previously cited JP 6-189932 and JP 10-118043) disclose a technique to reduce noise by sealing a gradient magnetic field within a vacuum vessel.

Respectfully submitted,

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## INFORMATION DISCLOSURE

ATTY. DOCKET NO.

SERIAL NO.

160-352

09/764,214

APPLICANT

TAKAMORI et al.

FILING DATE

GROUP

January 18, 2001

3737

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5278502	01/1994	Laskaris et al			
	5793210	08/1998	Pla et al			
	4652824	03/1987	Oppelt			
	5489848	02/1996	Furukawa			
	6043653	03/2000	Takamori et al			
	6406427	06/2002	Williams et al			
	6022195	02/2000	Gaudet et al			
	5404882	04/1995	Santyr			
	6353319	03/2002	Dietz et al			
	5764059	06/1998	Mansfield et al			
	6441614	08/2000	Edelstein et al			
	5361763	11/1994	Kao et al			
	6437568	08/2000	Edelstein et al			
	5793210	08/1998	Pla et al			
	6157276	12/2000	Hedeen et al			
	62-334	01/1987	Japan			
	1-166508	06/1989	Japan			
	2-198539	08/1990	Japan			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
62-79889	04/1987	Japan			
59-174746	10/1984	Japan			
60-177249	09/1985	Japan			
7-299048	11/1995	Japan			
5-269104	10/1993	Japan			
62-194842	08/1987	Japan			
10-179547	07/1998	Japan			
2642348	05/1997	Japan			
SU 968738	10/1982	Swiss			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Katsunuma et al, "Silent MRI System by Interrupting the Vibrational Transmission Through the Air and Solid Structures", ISMRM, 1372, 2000

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

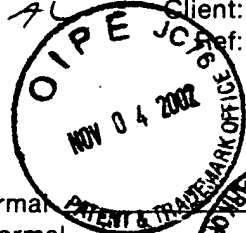
Form PTO-FB-A820 (Also PTO-1449)

#678964 v1 - 160-352.ids

Serial No.: 09/764214  
Applicant: TAKAMORI  
Title: ET AL

Atty: LIN  
Date: 11-4-02  
Client: 160  
Ref: 352

- \_\_\_\_\_ Amendment
- \_\_\_\_\_ Pages Specification
- \_\_\_\_\_ Claims
- \_\_\_\_\_ Sheets Drawings: Formal \_\_\_\_\_
- \_\_\_\_\_ Informal \_\_\_\_\_
- \_\_\_\_\_ Declaration (\_\_\_\_\_ Pages)
- \_\_\_\_\_ Assignment
- \_\_\_\_\_ Priority Document
- \_\_\_\_\_ Base Issue Fee Transmittal
- \_\_\_\_\_ Fee (Check)



Other: IDS; PTO 1449 & 1499

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